

# TEXAS DEPARTMENT OF INSURANCE

Engineering Services Program / MC 103-3A 333 Guadalupe Street P.O. Box 149104 Austin, Texas 78714-9104  
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## PRODUCT EVALUATION

WIN-1892

Effective Date: May 1, 2014

Reevaluation Date: **February 2017**

The following product has been evaluated for compliance with the wind loads specified in the **International Residential Code (IRC)** and the **International Building Code (IBC)**.

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

**5400/5400S Series Vinyl Double Hung Window, Replacement Construction, Non-Impact Resistant,**  
manufactured by

**Wincore Window Company, LLC**  
**250 Staunton Avenue**  
**Parkersburg, WV 26104**  
**(304) 485-7460**

### General Description:

System	Description	Label Rating	Design Pressure Rating (psf)
1	5400/5400S Series Vinyl Double Hung Window; (X/X)	R-PG35 40 x 63	± 35
2	5400/5400S Series Vinyl Double Hung Window; (X/X)	R-PG35 52 x 63	± 35
3	5400/5400S Series Vinyl Double Hung Window; (X/X)	LC-PG35 46 x 77	± 35
5	5400/5400S Series Vinyl Double Hung Window; (X/X)	LC-PG50 36 x 72	± 50

### Product Dimensions:

System	Overall Window Size	Top Sash Daylight Opening Size	Bottom Sash Daylight Opening Size
1	40" x 63"	34 1/4" x 27 7/8"	33" x 27 7/8"
2	52" x 63"	46 1/4" x 27 7/8"	45" x 27 7/8"
3	46" x 77"	40 1/4" x 34 7/8"	39" x 34 7/8"
4	36" x 72"	30 1/4" x 32 3/8"	29" x 32 7/8"

**Product Identification:**

System		
1-4	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Wincore Window Company, LLC 1640-1
	Product Name	5400/5400S Series Vinyl Double Hung Window
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

**Impact Resistance:**

Impact Resistant	Requirement
No	Impact protective system required when product is installed in areas where windborne debris protection is required

**Installation:**

System		
1-4	Type of Installation	Replacement Construction
	Wall Framing	Spruce-Pine-Fir
	Fasteners	Minimum No. 8 Screws
	Fastener Location/Spacing	The windows shall be installed in accordance with Drawing No. TX-4343, titled "5400/5400S Series Vinyl Double Hung Window 'Non-Impact'," sheets 1 through 4 of 4, dated August 1, 2013. Drawings are signed, sealed, and dated August 1, 2013 by Lyndon F. Schmidt, P.E.
	Fastener Penetration	Minimum of 1 ½ inches into the jamb wall framing members

**Note:** The manufacturer's installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC), the International Building Code (IBC), and the Texas Revisions.